

IN THE U.S. PATENT AND TRADEMARK OFFICE

In Application of

Alan Gatherer

Serial No.: 10/037,179

Filed: 10/23/2001

For: USING SISO DECODER FEEDBACK TO PRODUCE SYMBOL PROBABILITIES  
FOR USE IN WIRELESS COMMUNICATIONS THAT UTILIZE SINGLE  
ENCODER TURBO CODING AND TRANSMIT DIVERSITY

TI-31552

Examiner: Pathak, S.

Art Unit: 2634

Conf. No.: 6358

AMENDMENT TRANSMITTAL FORM

Commissioner for Patents

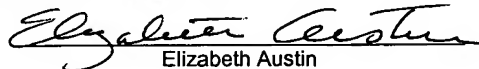
Alexandria, VA 22313-1450

Sir:

MAILING CERTIFICATE UNDER 37 C.F.R. §1.8(a)

I hereby certify, that on this date, this correspondence is being deposited  
with the United States Postal Service as first class mail in an envelope  
addressed to: Commissioner for Patents, Alexandria, VA 22313-1450 on

April 6, 2006

  
Elizabeth Austin

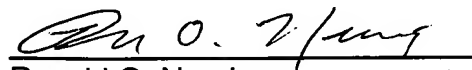
Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated as shown below:

CLAIMS AS AMENDED						
	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE
Total Claims	17	Minus	21	= 0	x \$ 50 =	\$ 0.00
Independent Claims	2	Minus	4	= 0	X \$200 =	\$ 0.00
TOTAL ADDITIONAL FEE FOR THIS AMOUNT						\$ 0.00

Charge the total additional fee, and any further fees, or credit overpayment to deposit  
account no. 20-0668. An original and two copies of this sheet are enclosed.

Texas Instruments Incorporated  
P. O. Box 655474, M/S 3999  
Dallas, TX 75265  
(972) 917-5299

  
Ronald O. Neerings  
Attorney for Applicants  
Reg. No.: 34,227

Application No. 10/037,179  
Amendment dated April 6, 2006  
Reply to Office Action of November 17, 2005



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Response under 37 C.F.R. 1.116  
Expedited Procedure  
Examining Group 2634

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of

**TI-31552**

**Alan Gatherer**

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**AMENDMENT - 37 CFR § 1.116**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

**MAILING CERTIFICATE UNDER § 37 CFR 1.8(a)**

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to: Commissioner for Patents and Trademarks, Alexandria, VA 22313-  
1450 on April 6, 2006.

  
Elizabeth Austin

Dear Sir:

Responsive to the Office Action dated November 17, 2005, and the Advisory Action dated  
March 24, 2006, please amend the above-identified application as follows:

**Amendments to the Claims** begin on page 2 of this paper.

**Remarks/Arguments** begin on page 7 of this paper.